| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|---|---------------------|---------|------------------|
| S11 6 | 23 | "700"/\$.ccls. and (avoid\$3 prevent\$3) near5 (adaptation adaptive) same adaptive near2 control\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:17 |
| S11 7 | 313 | (avoid\$3 prevent\$3) near5 (adaptation adaptive) same adaptive near2 control\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:18 |
| S11 8 | 53 | (avoid\$3 prevent\$3) near5 (adaptation adaptive) same adaptive near2 control\$4 near system | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:19 |
| S11 9 | 37 | (avoid\$3 prevent\$3) near5 (adaptation adaptive) near10 adaptive near2 control\$4 near system | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:20 |
| S12 0 | 0 | (hedge near signal and adaptive near control and avoid and adaptation and characteristic and detrimental and control near plant).clm. | US-PGPUB | OR | ON | 2006/11/02 10:54 |
| S12 1 | 46054 | adapt\$3 adj control\$4 | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S12 2 | 50 | (adapt\$3 adj control\$4) and ((avoid\$3 or exclud\$3 or depart\$3 or improper or incorrect or wrong\$5) adj (adapt\$5 or compensat\$3)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S12 3 | 76 | (adapt\$3 adj control\$4) and ((avoid\$3 or exclud\$3 or depart\$3 or improper\$2 or incorrect\$2 or wrong\$5 or unstabl\$3) adj (adapt\$5 or compensat\$3)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S12 4 | 2770 | (700/28-32 or 700/47-48 or 700/173 or 700/250 or 701/58-60 or 701/63 or 701/68).ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S12 5 | 330 | ((700/28-32 or 700/47-48 or 700/173 or 700/250 or 701/58-60 or 701/63 or 701/68).ccls.) and (time adj delay\$3) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S13 1 | 1031 | (700/28,29).ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |

| S13 2 | 139 | S131 and (hedg\$3 or protect\$3 or defenc\$3) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
|----------|-----|--|--------------------------------|----|-----|------------------|
| S13 3 | 1 | (calise-anthony).in. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S13 9 | 2 | 700/30.ccls. and hedg\$3 | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S14 0 | 50 | 700/30.ccls. and (hedg\$3 or protect\$3 or defenc\$3) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S14 1 | 4 | (adapt\$3 adj control\$4) and (avoid adj1 adaptation) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S14 2 | 55 | (adapt\$3 adj control\$4) and ((avoid\$3 or exclud\$3 or depart\$3 or improper\$2 or incorrect\$2 or wrong\$5) adj (adapt\$5 or compensat\$3)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S14 3 | 76 | (adapt\$3 adj control\$4) and ((avoid\$3 or exclud\$3 or depart\$3 or improper\$2 or incorrect\$2 or wrong\$5 or unstabl\$3 or un-stable\$3) adj (adapt\$5 or compensat\$3)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S14 5 | 2 | "5901059".pn. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 1 | 4 | S132 and ((self adj tun\$5 adj (regulat\$2 or control\$2)) or STR) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 2 | 42 | (johnson-eric).in. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 3 | 29 | (calise).in. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 4 | 218 | (adapt\$3 adj control\$4) and ((avoid\$3 or exclud\$3 or depart\$3 or separat\$3) adj (adapt\$5 or compensat\$3)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 5 | 128 | (adapt\$3 adj control\$4) and (self adj tun\$5 adj (regulat\$2 or control\$2)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 6 | 134 | (((700/28-32 or 700/47-48 or 700/173 or 700/250 or 701/58-60 or 701/63 or 701/68).ccls.) and (time adj delay\$3)) and (adapt\$3 adj control\$4) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |

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|----------|------|---|---|----|-----|------------------|
| S15 7 | 139 | S131 and (hedg\$3 or protect\$3 or defenc\$3) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 8 | 134 | (((700/28-32 or 700/47-48 or 700/173 or 700/250 or 701/58-60 or 701/63 or 701/68).ccls.) and (time adj delay\$3)) and (adapt\$3 adj control\$4) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S15 9 | 304 | (adapt\$3 adj control\$4) and ((self adj tun\$5 adj (regulat\$2 or control\$2)) or STR) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S16 0 | 376 | 700/30.ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S16 1 | 2770 | (700/28-32 or 700/47-48 or 700/173 or 700/250 or 701/58-60 or 701/63 or 701/68).ccls. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S16 2 | 2 | "6618631".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |
| S16 5 | 8 | (hedge hedging) adj signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S16 6 | 27 | (hedge hedging avoid\$3 prevent\$3 remov\$3) with (unwanted not adj wanted undesired) with adapt\$3 adj control\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S16 7 | 34 | (hedge hedging avoid\$3 prevent\$3 remov\$3) with (unwanted not adj wanted undesired) and 700/28,29,30, 173.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |

| S16 8 | 43 | ("4358822" "4983898" "5175678" "5268835" "5283729" "5301101" "5347446" "5351184" "5353207" "5386373" "5408406" "5457625" "5477449" "5517424" "5539638" "5548528" "5559690" "5566065" "5572420" "5586221" "5587896" "5587897" "5594858" "5614801" "5659467" "5659667" "5680409" "5682317" "5704011" "5740033" "5748467" "5781432" "5825646" "5838563" "5841652" "5859773" "5873251" "5920478" "6064916" "6285971" "6349236" "6424873" "6445963").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 10:54 |
|----------|-------|---|---|----|-----|------------------|
| S16 9 | 0 | (hedge hedging avoid\$3 prevent\$3 remov\$3) with (unwanted not adj wanted undesired) and S168 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 0 | 0 | (hedge hedging avoid\$3 prevent\$3 remov\$3) same (unwanted not adj wanted undesired) and S168 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 1 | 45 | (hedge hedging avoid\$3 prevent\$3 remov\$3) same (unwanted not adj wanted undesired) and 700/28,29,30, 173.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 2 | 21795 | (hedge hedging avoid\$3 prevent\$3 remov\$3 protect\$3 adj against) same (unwanted not adj wanted undesired) and (adapt\$5 optimiz\$3) with control\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 3 | 15817 | (hedge hedging avoid\$3 prevent\$3 remov\$3 protect\$3 adj against) with (unwanted not adj wanted undesired) and ((adapt\$5 optimiz\$3) with control\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 4 | 301 | (hedge hedging avoid\$3 prevent\$3 remov\$3 protect\$3 adj against) with (unwanted not adj wanted undesired) with ((adapt\$5 optimiz\$3) with control\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 5 | 124 | (hedge hedging avoid\$3 prevent\$3 remov\$3 protect\$3 adj against) with (unwanted not adj wanted undesired) with ((adapt\$5) near5 control\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |

| S17 6 | 20 | (US "5268834" A US "5394322" A US "5406474" A US "5687075" A US "5691893" A US "5768124" A US "5796608" A US "5901059" A US "6026793" A US "6076951" A US "6082345" A US "6092919" A US "6216047" B1 US "6230062" B1 US "6241435" B1 US "6404581" B1 US "6618631" B1 WO "200182007" A US "20010012969" A1 US "20010014834" A1 US "6721609" B1).pn. | US-PGPUB; USPAT | OR | ON | 2006/11/02 10:54 |
|----------|----|--|---|----|-----|------------------|
| S17 7 | 2 | (hedge hedging avoid\$3 prevent\$3 remov\$3 protect\$3 adj against) with (unwanted not adj wanted undesired) and S176 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 8 | 7 | (hedge hedging avoid\$3 prevent\$3 remov\$3 protect\$3 adj against) and (unwanted not adj wanted undesired) and S176 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S17 9 | 7 | ("5768124").URPN. | USPAT | OR | ON | 2006/11/02 10:54 |
| S18 0 | 2 | ("5768124" "6094601").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 10:54 |
| S18 8 | 6 | (hedge hedging avoid\$3 prevent\$3 remov\$3 protect\$3 adj against) and (unwanted not adj wanted undesired) and \$187 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/02 10:54 |
| S18 9 | 66 | ("5692708" "5768124" "5796608" "5901059" "5936792" "6026793" "6092919" "6216047" "6230062" "6241435" "4062508" "4466054" "5113483" "5155802" "5170463" "5224664" "5241509" "5253328" "5268834" "5274746" "5282261" "5303385" "5711421" "5313559" "5367612" "5396415" "5406474" "5469265" "5475793" "5541843" "5682309" "5687075" "5921893").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |
| S19 0 | 25 | S189 and reference and model | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |

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|----------|-----|---|---|----|----|------------------|
| S19 1 | 19 | S189 and reference and model and state | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |
| S19 2 | 8 | (hedge adj signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |
| S19 3 | 77 | "700"/\$.ccls. and avoid near10 adapt\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |
| S19 4 | 330 | "700"/\$.ccls. and (avoid\$3 prevent\$3) near10 adapt\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |
| S19 5 | 183 | "700"/\$.ccls. and (avoid\$3 prevent\$3) near5 adapt\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |
| S19 6 | 23 | "700"/\$.ccls. and (avoid\$3 prevent\$3) near5 (adaptation adaptive) same adaptive near2 control\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/02 10:54 |